

TORQUE MULTIPLIER TOOL

ROV INTERVENTION
500 NM TORQUE
CLASS 1-4



Description

**Located on subsea structures and tooling all over the world, there are need-
le valves or other valves that are sensi-
tive to over torque.**

To prevent damaging valves by over torque, Envirex have designed a ROV manip. operated torque tool for such applications. The tool can be adjusted to a maximum output torque setting to avoid damaging subsea valves caused by over torque. The torque limiter is highly accurate for both clockwise and counter clockwise turns.

Features

- Turn counter on subsea display
- Torque range from 50 Nm to 500 Nm
- Adjustable maximum output torque
- Mechanically operated by ROV
- Accurate torque adjustment
- Low weight
- No hydraulic/electric ROV interface

SPECIFICATIONS

TORQUE MULTIPLIER TOOL

General Technical Specifications

Type	Torque Multiplier Tool
Part Number	111709
Dimensions	mm L250 x Ø151
Weight (in air / submerged)	kg ~22 / ~18

Torque Features

Max. Inlet Torque	Nm 170
Max. Output Torque	Nm 500
Gear ratio	4.5 : 1
Interface	ISO 13628-8 Class1-4 end effectors

Torque Multiplier Ranges

Configuration #1	Nm 50 - 155
Configuration #2	Nm 135 - 360
Configuration #3	Nm 180 - 500

General Features

Depth rating	MSW 3000
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